

Amendments to the Claims

The below listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims

1 – 14. (Canceled)

15. (New) An electrophoretic display comprising:

a substrate;

an electrophoretic display medium disposed adjacent said substrate, said display medium comprising a plurality of cavities dispersed in a polymeric matrix, wherein at least one of said plurality of cavities contains an electrophoretic contrast media phase that includes a suspending fluid and at least one charged particle, said charged particle having an optical property; and

two electrodes disposed on said substrate adjacent said at least one of said plurality of cavities and positioned in a spaced apart relationship to one another, wherein a potential difference between said electrodes causes said at least one charged particle to migrate toward at least one of said two electrodes, thereby effecting a change in a visual state of said display.

16. (New) The display of claim 15, wherein said suspending fluid is substantially transparent.

17. (New) The display of claim 15, wherein said at least one charged particle has a black color.

18. (New) The display of claim 15, wherein said at least one charged particle has a white color.

19. (New) The display of claim 15, wherein one of said two electrodes is substantially transparent.

20. (New) The display of claim 15, wherein both of said two electrodes are substantially transparent.

21. (New) The display of claim 15, wherein said two electrodes differ in an optical property.

22. (New) The display of claim 21, wherein one of the electrodes is black and the other electrode is white.

23. (New) The display of claim 22, wherein said at least one charged particle is black and wherein application of a first voltage potential to said black electrode causes said black particles to migrate within said at least one of said plurality of cavities to a location adjacent said black electrode, causing said at least one of said plurality of cavities to appear substantially white, and wherein application of a second voltage potential to said black electrode causes said black particles to migrate within said at least one of said plurality of cavities to a location adjacent said white electrode causing said at least one of said plurality of cavities to appear substantially black.
24. (New) An electrophoretic display comprising:
an electrophoretic display medium comprising a plurality of cavities dispersed in a polymeric matrix, wherein at least one of said plurality of cavities contains an electrophoretic contrast media phase that includes a suspending fluid and at least one particle having a first optical property;
two electrodes adjacent said electrophoretic display medium, each electrode having a second optical property; and
at least one electrode having said first optical property adjacent said electrophoretic display medium, wherein application of a voltage potential to said two electrodes causes the at least one of said plurality of cavities to change visual state.
25. (New) The electrophoretic display of claim 24, wherein said two electrodes differ in an optical property.
26. (New) The electrophoretic display of claim 24, wherein said suspending fluid is dyed.
27. (New) The electrophoretic display of claim 24, wherein said suspending fluid is substantially transparent.
28. (New) The electrophoretic display of claim 24 wherein said at least one particle has a black color.
29. (New) The electrophoretic display of claim 24 wherein said at least one electrode is substantially transparent.